



RESULTS OF GOOGLE SEARCH RE CYP24

Induction of the Vitamin D 24-Hydroxylase (CYP24) by 1, 25-Dihydroxyvitamin D3 Is Regulated by ... - group of 4 »

HJ Ambrecht, TL Hodam, MA Boltz, NC Partridge, AJ ... - Endocrinology, 1998 - endo.endojournals.org

... PTH in the presence of 1,25(OH)₂D increased CYP24 gene transcription as shown by nuclear run-on studies and by activation of a CYP24 promoter-reporter ...

Cited by 18 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

1 α , 25-Dihydroxyvitamin D3-24-Hydroxylase (CYP24) Hydroxylates the Carbon at the End of the Side ... - group of 2 »

Y Miyamoto, T Shinki, K Yamamoto, Y Ohyama, H ... - Journal of Biological Chemistry, 1997 - jbc.org

... 24-hydroxylase (CYP24) is the major pathway by which the hormone is inactivated (5). Because transcription of the CYP24 gene is highly up-regulated by 1,25(OH) ...

Cited by 9 - [Related Articles](#) - [Web Search](#)

Cloning and expression of rat 25-hydroxyvitamin D3-1 α -hydroxylase cDNA - group of 5 »

T Shinki, H Shimada, S Wakino, H Anazawa, M ... - 1997 - pnas.org

... P4501 mRNAs in the kidney, the endocrine organ of vitamin D. The expression level of the CYP24 gene was increased by the administration of 26,27-F₆₋₁,25(OH) ...

Cited by 75 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

... and Activity of Vitamin D-Metabolizing Cytochrome P450s (CYP1 α and CYP24) in Human Non-small Cell ... - group of 4 »

G Jones, H Ramshaw, A Zhang, R Cook, V Byford, J ... - Endocrinology, 1999 - endo.endojournals.org

... lanes 2 and 4). The PCR products were then analyzed by gel electrophoresis and Southern blotted using a CYP24 gene-specific oligonucleotide (A). The Southern ...

Cited by 21 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

... Vitamin D-Response Element in the Rat Calcidiol (25-Hydroxyvitamin D SUB 3/SUB) 24-Hydroxylase Gene - group of 7 »

C Zierold, HM Darwish, HF DeLuca - Proceedings of the National Academy of Sciences, 1994 - pnas.org

... D-responsive Elements in the Rat 25-Hydroxyvitamin D3 24-Hydroxylase (CYP24) Promoter J ... Elements in the Rat 25-Hydroxyvitamin D3 24-Hydroxylase Gene J. Biol. ...

Cited by 57 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Repression of basal transcription by vitamin D receptor: evidence for interaction of unliganded ... - group of 7 »

PP Dwivedi, GE Muscat, PJ Bailey, JL Omdahl, BK ... - Journal of Molecular Endocrinology, 1998 - jme.endocrinology-journals.org

... VDREs. One construct with promoter sequence from the rat CYP24 gene,

encompassed an active DR3-type VDRE (5 -AGGTGAgtgAGGGCG-3) at ...

Cited by 26 - Related Articles - Web Search - BL Direct

Localization of the human vitamin D 24-hydroxylase gene (CYP24) to chromosome 20q13. 2--> q13. 3. - group of 2 »

CN Hahn, E Baker, P Laslo, BK May, JL Omdahl, GR ... - Cytogenet Cell Genet, 1993 - ncbi.nlm.nih.gov

Localization of the human vitamin D 24-hydroxylase gene (CYP24) to chromosome

20q13.2-->q13.3. Hahn CN, Baker E, Laslo P, May BK, Omdahl JL, Sutherland GR. ...

Cited by 6 - Related Articles - Cached - Web Search - BL Direct

Structural characterization of the gene encoding rat 25-hydroxyvitamin D3 24-hydroxylase - group of 3 »

Y Ohyama, M Noshiro, G Eggertsen, O Gotoh, Y Kato, ... - Biochemistry, 1993 - pubs.acs.org

... P- 450, and P-4501 lg, both belonging to the CYP2 I gene family) have ... Seven introns out of 11 in CYP24 were found in CYP2Z at the corresponding codon positions ...

Cited by 18 - Related Articles - Web Search - BL Direct

Lipid soluble vitamins in gene regulation - group of 3 »

C Carlberg - BioFactors, 1999 - IOS Press

... In contrast however, in vivo studies on CYP24 gene activation supported the view of synergistic or at least additive effects of VD and 9-cis RA [1,44]. ...

Cited by 18 - Related Articles - Web Search - BL Direct

Vitamin D Receptor Interactions with the Rat Parathyroid Hormone Gene: Synergistic Effects Between ... - group of 4 »

J Russell, S Ashok, NJ Koszewski - J Bone Miner Res, 1999 - Am Soc Bone Min Res

... 36 Unlike the studies with the synthetic oligonucleotide, synergy was detected between the two VDREs in the CYP24 gene at the level of gene activation, but not ...

Cited by 9 - Related Articles - Cached - Web Search - BL Direct

Cloning of Porcine 25-Hydroxyvitamin D3 1 α -Hydroxylase and Its Regulation by cAMP in LLC-PK1 Cells - group of 5 »

T YOSHIDA, N YOSHIDA, A NAKAMURA, T MONKAWA, M ... - 1999 - jasn.asnjournals.org

... mechanism of regulation of CYP27B1 has been studied only in terms of its enzyme activity, whereas the molecular mechanism of regulation of CYP24 gene has been ...

Cited by 11 - Related Articles - Web Search - BL Direct

Thirteen genes (Cebpb, E2f1, Tcf4, Cyp24, Pck1, Acra4, Edn3, Kcnbl, Mc3r, Ntsr, Cd40, Plcg1 and Rcad ... - group of 2 »

CM Williamson, ER Dutton, CM Abbott, CV Beechey, ... - Genet Res, 1995 - ncbi.nlm.nih.gov

... Human; Mice; Molecular Sequence Data; Phenotype; Support, Non-US Gov't. Gene Symbols: Acra4; Cd40; Cebpb; Cyp24; E2f1; Edn3; Kcnbl; Mc3r; Ntsr; Pck1; Plcg1; Rcad ...

Cited by 9 - Related Articles - Cached - Web Search - BL Direct

The genes for endothelin 3, vitamin D 24-hydroxylase, and melanocortin 3 receptor map to distal ... - group of 2 »

S Malas, J Peters, C Abbott - Mammalian Genome, 1994 - Springer

... sis of these PCR products revealed variation in the product between the strains

of mice, and this was used to track inheritance of the **Cyp24** gene through the ...

Cited by 3 - Related Articles - Web Search - BL Direct

Novel findings about 24, 25-dihydroxyvitamin D: an active metabolite? - group of 4 »

R St-Arnaud - Curr Opin Nephrol Hypertens, 1999 - co-nephrolhypertens.com

... The **CYP24** gene was inactivated by homologous recombination in embryonic stem cells and a mouse line deficient in **CYP24** activity was derived. ...

Cited by 3 - Related Articles - Web Search - BL Direct

The 25-hydroxyvitamin D 1-alpha-hydroxylase gene maps to the pseudovitamin D-deficiency rickets (... - group of 4 »

R St-Arnaud, S Messerlian, JM Moir, JL Omdahl, FH ... - J Bone Miner Res, 1997 - Am Soc Bone Min Res

... for the P450 1 gene (hereafter referred to as 1 α -OHase). We have used a probe derived from the rat 25-hydroxyvitamin D-24-hydroxylase (**CYP24**; 24-OHase ...

Cited by 94 - Related Articles - Cached - Web Search - BL Direct

Effect of 26, 26, 26, 27, 27, 27-Hexafluoro-1, 25-Dihydroxyvitamin D 3 on the Expression of Vitamin- ... - group of 2 »

Y Kameda, T Mimura, Y Kohama - Pharmacology, 1998 - content.karger.com

... phate-dependent protein kinase A [7]. It has been reported that the promoter of the **CYP24** gene has functional vitamin-D-responsive elements (VDRE) [8-10]. ...

Related Articles - Web Search

Rat CYP24 catalyses 23 S-hydroxylation of 26, 26, 26, 27, 27, 27-hexafluorocalcitriol in vitro - group of 4 »

K HAYASHI - Xenobiotica, 1998 - Taylor & Francis

... D receptor and enhance the transcriptional activity for the target gene(s). In ... at C-24 is catalysed by kidney mitochondrial cytochrome P450 (**CYP24**), which may ...

Cited by 9 - Related Articles - Web Search - BL Direct

Effect of 26, 26, 26, 27, 27, 27-Hexafluoro-1, 25-Dihydroxyvitamin D 3 on the Expression of Vitamin- ... - group of 6 »

T Yoshimura, S Itoh, K Tsujikawa, E Yamada, T ... - Pharmacology, 1998 - content.karger.com

... longer than that induced by 1,25(OH) 2 D 3 . These results indicate that ST-630 was more effective in inducing **Cyp24** and calbindin-D 9k gene expression than 1 ...

Cited by 4 - Related Articles - Web Search - BL Direct

Novel mutations in the 1 alpha-hydroxylase (P450c1) gene in three families with pseudovitamin D- ... - group of 4 »

SJ Smith, AK Rucka, JL Berry, M Davies, S ... - J Bone Miner Res, 1999 - Am Soc Bone Min Res

... Hahn CN, Baker E, Laslo P, May BK, Omdahl JL, Sutherland GR 1993 Localization of the human vitamin D 24-hydroxylase gene (**CYP24**) to chromosome 20q13.2-q13 3. ...

Cited by 30 - Related Articles - Cached - Web Search - BL Direct

[CITATION] Inactivating Mutations in the 25-Hydroxyvitamin D3 1 α -Hydroxylase Gene in Patients with ... - group of 2 »

S Kitanaka, K Takeyama, A Murayama, T Sato, K ...

... No Enzyme Activity of 25-Hydroxyvitamin D3 1{alpha}-Hydroxylase Gene Product in ... of Vitamin D-Metabolizing Cytochrome P450s (CYP1{alpha} and CYP24) in Human ...

Cited by 99 - Related Articles - Web Search - BL Direct

The importance of 25-hydroxyvitamin D3 1 alpha-hydroxylase gene in vitamin D-dependent rickets - group of 4 »

S Kato, J Yanagisawa, A Murayama, S Kitanaka, K ... - Curr Opin Nephrol Hypertens, 1998 - co-nephrolhypertens.com

... and 31.6% homologous to the mouse 25(OH)D 3 - 24-hydroxylase (CYP24) [28 ... The organization

of the human 1 α (OH)ase gene is composed of nine exons extending ...

Cited by 10 - Related Articles - Web Search - BL Direct

... and renal localization of 1, 25-dihydroxyvitamin D3-24-hydroxylase gene expression: effects of the ... - group of 3 »

S Roy - Endocrinology, 1996 - endo.endojournals.org

... D,-24-Hydroxylase Gene Expression: Effects of the Hyp Mutation and 1,25- ... At the same time, we exam- ined the effect of 1,25-(OH&D, on renal 24-hydroxylase gene ...

Cited by 13 - Related Articles - Web Search - BL Direct

Parathyroid hormone activation of the 25-hydroxyvitamin D3-1 α -hydroxylase gene promoter - group of 5 »

HL Brenza, C Kimmel-Jehan, F Jehan, T Shinki, S ... - 1998 - pnas.org

... Activity of Vitamin D-Metabolizing Cytochrome P450s (CYP1{alpha} and CYP24) in Human ... of the Renal 25-Hydroxyvitamin D3 1{alpha}-Hydroxylase Gene by Parathyroid ...

Cited by 49 - Related Articles - Web Search - BL Direct

... for the expression of renal 25-hydroxyvitamin D3-1 α -hydroxylase gene in normocalcemic rats - group of 6 »

T Shinki, Y Ueno, HF DeLuca, T Suda - 1999 - pnas.org

... However, in the normocalcemic state, the mechanism to regulate the renal CYP27B1 gene could be ... been shown to induce renal 25(OH)D 3 -24-hydroxylase (CYP24) (1-3 ...

Cited by 38 - Related Articles - Web Search - BL Direct

Requirements for induction of vitamin D-mediated gene regulation in normal human B lymphocytes - group of 3 »

JW Morgan - The Journal of Immunology, 1996 - jimmunol.org

Requirements for Induction of Vitamin D-Mediated Gene Regulation in Normal Human B Lymphocytes' ... 2902 VITAMIN D-MEDIATED GENE REGULATION IN B LYMPHOCYTES A ...

Cited by 11 - Related Articles - Web Search - BL Direct

No Enzyme Activity of 25-Hydroxyvitamin D3 1 α -Hydroxylase Gene Product in Pseudovitamin D ... - group of 5 »

S Kitanaka, A Murayama, T Sakaki, K Inouye, Y ... - 1999 - jcem.endojournals.org

... however, none of the mutants increased the activation of the reporter gene. ... This method has been used for multiple P450 enzymes, including CYP24 (23) and CYP27 ...

Cited by 23 - Related Articles - Web Search - BL Direct

Molecular mechanism of vitamin D receptor action - group of 3 »

LL Issa, GM Leong, JA Eisman - Inflammation Research, 1998 - Springer

... the general transcription machinery is essential to initiate **gene** transcription. ...

Also shown is the calcitriol metabolic pathway through 24-hydroxylase (CYP24). ...

Cited by 39 - Related Articles - Web Search - BL Direct

Positional cloning of ZNF217 and NABC1: Genes amplified at 20q13. 2 and overexpressed in breast ... - group of 8 »

C Collins, JM Rommens, D Kowbel, T Godfrey, M ... - 1998 - pnas.org

... Four previously unknown genes, PIC1L, ZNF217, ZNF218, and NABC1, and the known **gene** CYP24 were located in the 1-Mb region analyzed in this study. ...

Cited by 145 - Related Articles - Web Search - BL Direct

Mineral metabolism prepares for the new millennium. - group of 4 »

J Silver, DA Bushinsky - CURRENT OPINION IN NEPHROLOGY AND HYPERTENSION, 1999 - co-nephrolhypertens.com

... 441) has engineered a genetic mouse model by inactivating the 25(OH)D 3 -24-hydroxylase **gene** responsible for 24,25(OH) 2 D 3 production (CYP24) by homologous ...

Related Articles - Web Search - BL Direct

The Many Faces of Rickets - group of 3 »

R Bouillon - 1998 - content.nejm.org

... they frequently have lethal hypercalcemia, indicating a vital role of CYP24 in the catabolism of 1,25-dihydroxyvitamin D. 7 The 1 -hydroxylase **gene** is also ...

Cited by 4 - Related Articles - Web Search - BL Direct

... D SUB 3/SUB Enhancement of Mouse Secreted Phosphoprotein 1 (Spp-1 or Osteopontin) Gene Expression

M Noda, RL Vogel, AM Craig, J Prah, HF DeLuca, DT ... - Proceedings of the National Academy of Sciences, 1990 - pnas.org

... Repressor Sequences in the Rat Parathyroid Hormone-related Peptide **Gene** J. Biol.

Elements in the Rat 25-Hydroxyvitamin D3 24-Hydroxylase (CYP24) Promoter J ...

Web Search

Transfected Human Liver Cytochrome P-450 Hydroxylates Vitamin D Analogs at Different Side-Chain ... - group of 5 »

Y Guo, S Strugnelli, DW Back, G Jones - Proceedings of the National Academy of Sciences, 1993 - pnas.org

... No Enzyme Activity of 25-Hydroxyvitamin D3 1{alpha}-Hydroxylase **Gene** Product in ... of Vitamin D-Metabolizing Cytochrome P450s (CYP1{alpha} and CYP24) in Human ...

Cited by 32 - Related Articles - Web Search - BL Direct

Current Understanding of the Molecular Actions of Vitamin D - group of 5

G JONES, SA STRUGNELL, HF DeLUCA - Physiological Reviews, 1998 - physrev.physiology.org

... The structure of the **gene** for CYP24 has been described for several species (rat, mouse, and human), and in each case shown to possess two VDRE in its proximal ...

Cited by 249 - Related Articles - Web Search - BL Direct

Vitamin D Metabolism and Action - group of 4 »

R Bouillon - Osteoporosis International, 1998 - Springer

... is also found in many other tissues (Table 3). The CYP1 gene has recently ... occur on carbon 24 by another multifunctional enzyme, P450cc24 or CYP24, localized on Cited by 19 - Related Articles - Web Search - BL Direct

Recent progress in enzymology and molecular biology of enzymes involved in vitamin D metabolism - group of 3 »

K Okuda, E Usui, Y Ohyama - The Journal of Lipid Research, 1995 - jlr.org

... P450s reported to date, and thus is a member of a new P450 family. This enzyme was named CYP24 (trivial name, P450cc24; gene symbol

Cited by 28 - Related Articles - Web Search - BL Direct

Increased renal 25-hydroxyvitamin D3-24-hydroxylase messenger ribonucleic acid and immunoreactive ... - group of 3 »

S Roy - Endocrinology, 1994 - endo.endojournals.org

... bone disease, impaired renal reabsorption of filtered phosphate, and abnormal regulation of renal vitamin D metabolism (3-5). The mutant X-linked gene and gene ...

Cited by 9 - Related Articles - Web Search

Detection and Mapping of Amplified DNA Sequences in Breast Cancer by Comparative Genomic ... - group of 4 »

A Kallioniemi, O Kallioniemi, J Piper, M Tanner, T ... - Proceedings of the National Academy of Sciences, 1994 - pnas.org

... M. Mori Clinical significance of the overexpression of the candidate oncogene CYP24 in esophageal ... Z. Weaver, and T. Ried The Septin 9 (MSF) Gene Is Amplified ...

Cited by 312 - Related Articles - Web Search - BL Direct

Oncogenic Ras Activates c-Jun Via a Separate Pathway from the Activation of Extracellular Signal- ... - group of 6 »

JK Westwick, AD Cox, CJ Der, MH Cobb, M Hibi, M ... - Proceedings of the National Academy of Sciences, 1994 - pnas.org

... and SK Mahata Secretin Activation of Chromogranin A Gene Transcription: IDENTIFICATION ... D3-induced Transactivation of the Rat Cytochrome P450C24 (CYP24) Promoter ...

Cited by 100 - Related Articles - Web Search - BL Direct

Metabolic studies using recombinant Escherichia coli cells producing rat mitochondrial CYP24CYP24 ... - group of 7 »

T Sakaki, N Sawada, Y Nonaka, Y Ohyama, K Inouye - 1999 - content.febsjournal.org

... Regulation of Renal 25-Hydroxyvitamin D-1{alpha}-Hydroxylase Gene Expression by ... Dual metabolic pathway of 25-hydroxyvitamin D3 catalyzed by human CYP24 FEBS J ...

Cited by 23 - Related Articles - Web Search - BL Direct

Isolation and sequence analysis of cytochrome P450 12B1: the first mitochondrial insect P450 with ... - group of 2 »

PB Danielson, JC Fogleman - Insect Biochem Mol Biol, 1997 - ncbi.nlm.nih.gov

... analysis of the conceptual translation of the full length gene, obtained by 5 ... most closely related to the mammalian mitochondrial P450s of the CYP24 family that ...

Cited by 10 - Related Articles - Cached - Web Search - BL Direct

Insulin markedly potentiates the capacity of parathyroid hormone to increase expression of 25- ... - group of 3 »

HJ Armbricht, VJ Wongsurawat, TL Hodam, N ... - FEBS Lett, 1996 - ncbi.nlm.nih.gov
... increased the capacity of parathyroid hormone (PTH) to elevate CYP24 mRNA levels
Cytochrome P-450 Enzyme System/genetics; Enzyme Induction; Gene Expression; Human ...
[Cited by 7](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

Editorial: 24, 25-Dihydroxyvitamin D-Active Metabolite or Inactive Catabolite? - group of 2 »

R St-Arnaud, FH Glorieux - Endocrinology, 1998 - endo.endojournals.org
... Parathyroid hormone activation of the 25-hydroxyvitamin D 3 -1 -hydroxylase gene promoter. ... Kumar VB 1998 Induction of the vitamin D 24-hydroxylase (CYP24) by 1 ...
[Cited by 10](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Simultaneous expression of ferredoxin, ferredoxin reductase and P450 in COS7 cells. - group of 3 »

S Itoh, O Iemura, T Yoshimura, K Tsujikawa, E ... - Biochim Biophys Acta, 1997 - ncbi.nlm.nih.gov
... 24-hydroxylase activity than COS7 cells transfected with CYP24 expression plasmid
Ferredoxin-NADP Reductase/genetics*; Ferredoxins/genetics*; Gene Expression; Mice ...
[Cited by 1](#) - [Related Articles](#) - [Cached](#) - [Web Search](#) - [BL Direct](#)

Characterization and PCR-based detection of two different hybrid - group of 3 »

AK Daly, KS Fairbrother, OA Andreassen, SJ London - Pharmacogenetics, 1996 - firstsearch.oclc.org
... part of the CYP2D gene cluster between the Xba I sites downstream of CYP2D8 and kb CYP2D6*16-related PCR product (amplified by the primer pair CYP71/CYP24). ...
[Cited by 21](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Intestinal plasma membrane calcium pump protein and its induction by 1, 25 (OH) 2D3 decrease with ... - group of 3 »

HJ Armbricht, MA Boltz, VB Kumar - American Journal of Physiology- Gastrointestinal and Liver ..., 1999 - ajpgi.physiology.org
... Induction of the vitamin D 24-hydroxylase (CYP24) by 1,25 ... calcium and phosphate deficiencies increase intestinal plasma membrane calcium pump gene expression. ...
[Cited by 13](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Mawer, Barbara PhD*; Mughal, Zulf MB, FRCP

D Vitamin, D Vitamin, D Pseudovitamin, H vitamin D ... - Current Opinion in Orthopedics, 1999 - co-orthopedics.com
... all consist of a specific cytochrome P-450 oxidase (CYP27, CYP24, and CYP27B1 ... OH) 2 D are also reflected in bone functioning [7]. The gene-regulating functions ...
[Web Search](#)

Enzymatic properties of mouse 25-hydroxyvitamin D3 1 α -hydroxylase expressed in Escherichia coli - group of 5 »

T Sakaki, N Sawada, K Takeyama, S Kato, K Inouye - 1999 - content.febsjournal.org
... No Enzyme Activity of 25-Hydroxyvitamin D3 1{alpha}-Hydroxylase Gene Product in ... Dual

metabolic pathway of 25-hydroxyvitamin D3 catalyzed by human CYP24 FEBS J ...

Cited by 17 - Related Articles - Web Search

Effects on CYP27 mRNA expression in rat kidney and liver by 1 alpha, 25-dihydroxyvitamin D3, a ... - group of 2 »

E Axen, H Postlind, K Wikvall - Biochem Biophys Res Commun, 1995 - ncbi.nlm.nih.gov

... The effects were not as pronounced as for CYP24. ... Gene Expression/drug effects; Kidney/enzymology*; Liver/enzymology*; Male; RNA, Messenger/metabolism*; ...

Cited by 3 - Related Articles - Cached - Web Search

Enzymatic properties of human 25-hydroxyvitamin D3 1 α -hydroxylase Coexpression with adrenodoxin and ... - group of 5 »

N Sawada, T Sakaki, S Kitanaka, K Takeyama, S Kato ... - 1999 - content.febsjournal.org

... Beckman et al. [23] reported that human CYP24 converted 25(OH ... We recently revealed that the 1-hydroxylase gene is negatively regulated by 1,25(OH) 2 D 3 [24].

Cited by 18 - Related Articles - Web Search - BL Direct

1 α , 25-Dihydroxyvitamin D3 Up-Regulates Bcl-2 Expression and Protects Normal Human Thyrocytes from ... - group of 3 »

SH Wang, RJ Koenig, TJ Giordano, A Myc, NW ... - Endocrinology, 1999 - endo.endojournals.org

... MS 1994 Inhibition of 1,25-dihydroxyvitamin D3 stimulated osteocalcin gene transcription by ... in the rat 25-hydroxyvitamin D3 24-hydroxylase (CYP24) promoter..

Cited by 19 - Related Articles - Web Search - BL Direct

Cytochrome P-450-dependent drug metabolism in skin - group of 4 »

N Ahmad, R Agarwal, H Mukhtar - Clinics in Dermatology, 1996 - Elsevier

... CYP2 CYT' 3 CY I' 4 CYP5 CYP7 CYI' II CYI' 17 CYP19 CYP21 CYP24 CYP27 ... NF and benz(a)anthracene also resulted in a substantial increase in gene message in ...

Cited by 6 - Related Articles - Web Search - BL Direct

The Vitamin D Analog, KH1060, Is Rapidly Degraded Both in Vivo and in Vitro via Several Pathways: ... - group of 3 »

FJ Dilworth, GR Williams, AM Kissmeyer, JL Nielsen ... - Endocrinology, 1997 - endo.endojournals.org

... assay for expression of the chloramphenicol acetyltransferase gene in eucaryotic cells ... by liver and kidney cytochrome P450 species (CYP27 and CYP24) involved in ...

Cited by 14 - Related Articles - Web Search - BL Direct

TGF β 1 Regulates 25-Hydroxyvitamin D 3 1 α -and 24-Hydroxylase Activity in Cultured Growth Plate ...

MD Manner - Calcified Tissue International, 1999 - Springer

... The effect was time- and dose-dependent, correlating with hydroxylase activity and 24-hydroxylase gene expression. ... 25-(OH)D 3 24R-Hydroxylase Gene Expression ...

Cited by 7 - Related Articles - Web Search - BL Direct

Expression of 25 (OH) D3 24-hydroxylase in distal nephron: coordinate regulation by 1, 25 (OH) 2D3 ... - group of 3 »

W Yang, PA Friedman, R Kumar, JL Omdahl, BK May, ... - American Journal of Physiology-Endocrinology And Metabolism, 1999 - ajpendo.physiology.org

... Recently, the cloning of the human and rat 24OHase genes (11, 42) as well as the mouse 1 -hydroxylase **gene** (55) has been reported. ...

Cited by 14 - Related Articles - Web Search - BL Direct

Molecular cytogenetics of primary breast cancer by CGH - group of 2 »

M Tirkkonen, M Tanner, R Karhu, A Kallioniemi, J ... - Genes Chromosomes and Cancer, 1998 - doi.wiley.com

... for controls; AIB 3-4 and RMC20C041 for 20q11; and RMC20C002, PTPN1, RMC20C026, MC3R, RMC20C001, **CYP24**, PCK1, RMC20C030 ... Although 8q24 contains the MYC **gene** ...

Cited by 181 - Related Articles - Web Search - BL Direct

Multiple Roles of Ligand in Transforming the Dioxin Receptor to an Active Basic Helix-Loop-Helix/PAS ... - group of 5 »

MJ Lees, ML Whitelaw - Molecular and Cellular Biology, 1999 - mcb.asm.org

... Postulated roles of the PAS domain include facilitating partner selection during formation of bHLH-PAS heterodimers and conferring target **gene** specificity of ...

Cited by 37 - Related Articles - Web Search - BL Direct

Xenobiotic-Metabolizing Cytochrome P450 Enzymes in the Human Feto-Placental Unit: Role in ... - group of 5 »

J Hakkola, O Pelkonen, M Pasanen, H Raunio - Critical Reviews in Toxicology, 1998 - Taylor & Francis

... 19,20 Recently, some variant alleles of the CYP1A1 **gene** have been ... hydroxylation CYP19 Androgen aromatization CYP21 Steroid 21-hydroxylation **CYP24** Steroid 24 ...

Cited by 70 - Related Articles - Web Search - BL Direct

The Vitamin D Receptor and the Syndrome of Hereditary 1, 25-Dihydroxyvitamin D-Resistant Rickets1 - group of 5 »

PJ Malloy, JW Pike, D Feldman - Endocrine Reviews, 1999 - edrv.endojournals.org

... The genes encoding the rat and human 24-hydroxylase (**CYP24**) have been cloned ...

Regulation

of 24-hydroxylase **gene** expression or enzyme activity is a very useful ...

Cited by 95 - Related Articles - Web Search - BL Direct

Molecular genetics of the human cytochrome P450 monooxygenase superfamily - group of 6 »

G SMITH - Xenobiotica, 1998 - Taylor & Francis

... In contrast, P450 enzymes in **gene** families 1± 4 (table 1) are located in the endoplasmic reticulum where, along with their redox partner NADPH-450 reductase ...

Cited by 43 - Related Articles - Web Search - BL Direct

Current World Literature - group of 2 »

S Broer, A Schuster, CA Wagner, A Broer, I Forster ... - Current Opinion in Nephrology and Hypertension, 1999 - co-nephrolhypertens.com

... B. Point mutations of the human parathyroid calcium receptor **gene** are not ... Induction of the vitamin D24-hydroxylase (**CYP24**) by 1,25-dihydroxyvitamin D3 is ...

Web Search

[BOOK] Molecular and Applied Aspects of Oxidative Drug Metabolizing Enzymes

E Arinc, E Hodgson, JB Schenkman - 1999 - books.google.com

Page 1. p Molecular and Applied Aspects of Oxidative Drug Metabolizing Enzymes Edited
by Emel Arinc John B. Schenkman and Ernest Hodgson NATO ASI Series ...

Related Articles - Web Search - Library Search

Unique 24-Hydroxylated Metabolites Represent a Significant Pathway of
Metabolism of Vitamin D2 in ... - group of 3 »

EB Mawer, G Jones, M Davies, PE Still, V Byford, ... - 1998 - jcem.endojournals.org

... is renal or target cell based and involves the cytochrome P450, CYP24 (28). ... activity
of a fluorinated vitamin D analog on VDR-RXR-mediated gene expression. ...

Cited by 17 - Related Articles - Web Search - BL Direct